

MT-C5E112

Cat5e 4 pair UTP Cable 8CCA Dual PVC Outdoor (1000ft)

Spotlight

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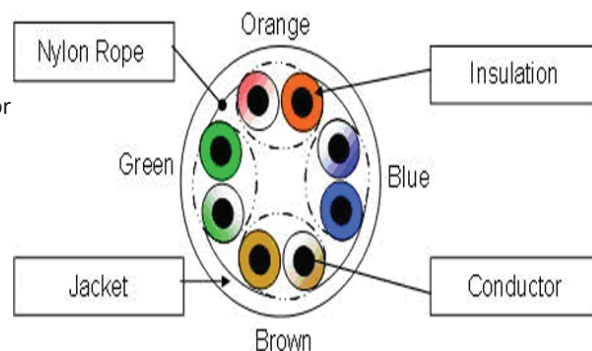
Unshielded Twisted Pair (UTP)

23AWG conductors

PVC or LSZH jacket (Black)

Supplied in 305m box

Conductor diameter 0.55mm (UTP)



Frequency Chart

Frequency	Att.	Pr-Pr	PS	Prop.	Delay	Return Loss	Pr-Pr	PS
MHz	Solid	IIEXT	IIEXT	Delay ns	Skew ns		ELFEXT	ELFEXT
1	2.0	65.3	62.3	538.5	45	20.0	63.8	60.8
10	5.9	50.3	47.3	545.0	45	25.0	43.8	40.8
16	8.0	47.3	44.4	539.9	45	25.0	39.7	36.7
20	9.2	45.8	42.8	540.2	45	25.0	37.7	34.7
25	10.6	44.4	41.3	540.8	45	24.3	35.8	32.8
31.25	11.7	42.9	39.9	541.4	45	23.6	33.9	30.9
62.5	17.0	38.4	35.4	542.5	45	21.5	27.8	24.8
100	22.0	35.3	32.3	543.0	45	20.1	23.8	20.8

Specifications:

Conductor	0.51mm 4CCA + 4CCS AWG24	
Insulation	HDPE(CMI-75E)	
Min. Avg. Thickness:	0.178 mm	
Min. Thickness:	0.153 mm	
Color Code Pair 1:	Blue & White/Blue	
Pair 2:	Orange & White/Orange	
Pair 3:	Green & White/Green	
Pair 4:	Brown & White/Brown	
	Jacket	75°C PVC Compound (CMI-80S)
Min. Avg. Thickness:	0.585 mm	
Min. Thickness:	0.458 mm	
Approximate O.D.:	5.2 mm +/- 0.3mm	
Electric Requirements	(Cable length: 100M)	Characteristic Impedance (Zo): (Zo): 85115 (1?100 MHz)
Other Requirements:	(dB/100M)	
DC. Resistance Capacitance Unbalance:	5%	
Pair-to-Ground Capacitance Unbalance:	330 pF/100M Max	
Conductor Resistance:	9.38/ 100M 20 Max	
Mutual Capacitance:	5.6 nF/m Max	
Spark Test:	2.5KV	
Nominal Velocity of Propagation (NVP):	69%	